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(54) **USE OF RHOA IN CANCER DIAGNOSIS AND INHIBITOR SCREENING**

(57) Disclosed are a novel method of detecting cancer, a method of screening inhibitors and anticancer agents that target cancer-related molecules, RHOA polypeptide having mutation and a polynucleotide encoding the polypeptide as a therapeutic agent for cancer, and a method of detecting cancer using the polypeptide

or polynucleotide. Also disclosed are a vector and a host cell comprising the polynucleotide, a method of screening therapeutic agents for cancer comprising the polypeptide and/or the polynucleotide, and a therapeutic agent for cancer comprising siRNA having a silencing effect on RHOA mutant.

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EUROPEAN SEARCH REPORT

Application Number

EP 23 21 7148

DOCUMENTS CONSIDERED TO BE RELEVANT

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 8 April 2024	Examiner Vadot-Van Geldre, E
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			



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Application Number

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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A	US 2010/003257 A1 (JUANG JYH-LYH [TW] ET AL) 7 January 2010 (2010-01-07) * para 61 ; claims 8-12 *	1-5	
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CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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